



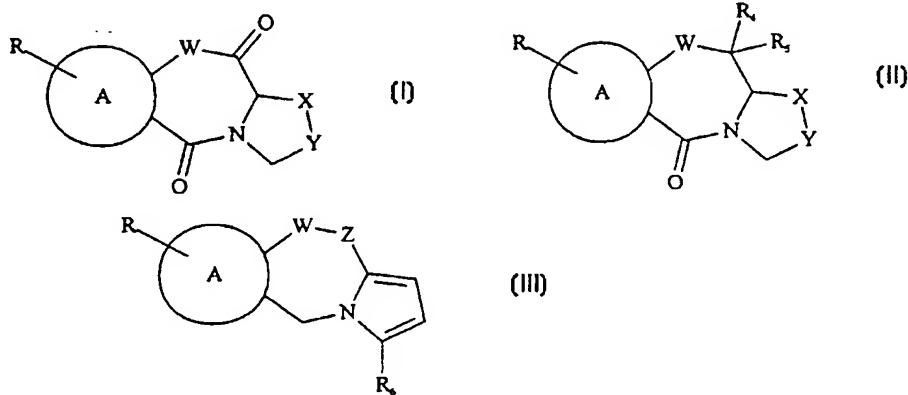
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(54) Title: THIAZEPINE INHIBITORS OF HIV-1 INTEGRASE



(57) Abstract

The present invention discloses non-catechol compounds, such as thiazolothiazepines, and analogs and derivatives thereof, which are anti-integrase inhibitors. The compounds, which are useful as treatments for HIV disease, include compounds (I), (II), (III), or pharmaceutically acceptable salts thereof wherein A is thiazole, benzene, naphthalene, pyridine, pyrimidine, pyrazine, or quinoline; R is one or more of H, halogen, lower alkyl, lower alkoxy, NO₂, lower ester or carboxylic acid; X-Y is CH₂-S, S-CH₂, CH₂-O, CH₂-S(O), S(O)-CH₂, CH₂-CH₂, CH₂-CH₂-CH₂, or CH₂-CH₂-CH₂-CH₂; R₄ is H or hydroxy; R₅ is H, phenyl, or alkylamine; W is S or O; and R₆ is H, substituted or unsubstituted alkyl or amine; and Z is S, O, CH₂, CH₂CH₂, or C=O.